

Title (en)

ELECTRODE UNIT JOINING STRUCTURE FOR SUPERCONDUCTING WIRE MATERIAL, SUPERCONDUCTING WIRE MATERIAL, AND SUPERCONDUCTING COIL

Title (de)

ELEKTRODENEINHEITSVERBINDUNGSSTRUKTUR FÜR EIN SUPRALEITENDES DRAHTMATERIAL, SUPRALEITENDES DRAHTMATERIAL UND SUPRALEITENDE SPULE

Title (fr)

STRUCTURE D'ASSEMBLAGE D'UNITÉS D'ÉLECTRODE POUR MATÉRIAU DE FIL SUPRACONDUCTEUR, MATÉRIAU DE FIL SUPRACONDUCTEUR ET BOBINE SUPRACONDUCTRICE

Publication

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Application

EP 11768773 A 20110407

Priority

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Abstract (en)

[origin: EP2544198A1] An electrode unit joining structure for a superconducting wire includes: a superconducting wire comprising a first base member, a first superconducting layer provided on the first base member, and a first electroconductive layer provided on the first superconducting layer; an electrode provided on the first electroconductive layer at an end portion of the superconducting wire; and a superconducting cover tape comprising a second base member, a second superconducting layer provided on the second base member, and a second electroconductive layer provided on the second superconducting layer, the superconducting cover tape being provided so as to cover at least part of the electrode, wherein the second electroconductive layer of the superconducting cover tape is disposed on the electrode side, and the electrode, the superconducting wire, and the superconducting cover tape are electrically connected to each other.

IPC 8 full level

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CPC (source: EP KR US)

H01B 12/02 (2013.01 - KR); **H01F 6/00** (2013.01 - KR); **H01F 6/06** (2013.01 - KR); **H01F 6/065** (2013.01 - EP US); **H01R 4/68** (2013.01 - KR); **H10N 60/80** (2023.02 - EP US)

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